

BOILER PERFORMANCE & STANDARD SPECIFICATIONS

Item				Model	MD-300G	MD-300GE
Performance	Equivalent output			Kg/h	300	
	Heat output			Kcal/h	162000	
	Heating surface area			m²	5.1	
	Max. pressure			Kgf/cm²	10	
	Water content			L	75	
	Boiler efficiency			%	88	92
	Water preheater			-	NONE	HAVE
	Combustion type			-	ON-OFF	
	Fuel consumption	13A		Nm³/h	18.6	17.6
		LPG	Propane	Kg/h	16.1	15.2
			Butane		16.9	16
	Electrical power capacity			Kw	1.35	
	Power of auxiliary equipments	Water pump motor		Kw	0.75	
		Exhausting fan motor			0.4	
		Control panel			0.2	
Product weight			Kg	620	720	
Pipe diameters	Fuel inlet dia	13A		mm	25	
		LPG			20	
	Feed water inlet dia		20			
	Steam outlet dia		25			
	Boiler-water drain dia		25			
	Safety valve dia		20			
	Auto discharge dia		-			
	Chimney dia		Ømm	150		
	Power wire inlet dia			mm²	2	
Size	Boiler Dimensions	Length		mm	1279	1477
		Width			915	915
		Height			1804	1804

NOTE :

- MD-***G indicates gas boiler.
- Standard power is 3HP/220V/60HZ. Notice of change, if any, is required.
- Fuel consumption is calculated at low heat valve : 13A = 9900kcal/Nm³. LPG Propane = 11460kcal/kg. LPG Butane = 10900kcal/kg.
- Gas supply pressure 13A : 200mmAq. LPG : 280mmAq, 1000kg/h ~ 2000kg/h model supply Gas supply pressure 0.8 ~ 3.5kgf/cm².
Installation of pressure reducing device, gas entrance to the boiler to reduce 400 ~ 700mmAq
- ⚙ Stable low pressure gas supply, no rapid depressurization sufficient flow
- Partial modification for improvement is allowed without notice.
- Boiler efficiency tolerance value ±1%

